Attachment 6

Upper Santa Margarita Watershed Region

IRWM Implementation Grant Proposal

Program Preferences

This attachment discusses how this Proposal addresses the program preferences outlined in Section II.F of the 2015 Integrated Regional Water Management Guidelines. Specifically, it describes for the Upper Santa Margarita Watershed (USMW) Region (Region): (1) the specific Program Preferences that are met by each of the projects, (2) the certainty that the Proposal projects will meet the Program Preferences, and (3) the breadth and magnitude to which the Program Preferences will be met, in addition to the Human Right to Water Policy. For the purpose of this application, the following terms are used to define the breadth and magnitude to which each project addresses Program Preferences, Statewide Priorities, and the Human Right to Water Policy: Local - Project benefits are focused locally within the project area; Regional - Project benefits extend throughout the USMW IRWM Region; and Statewide - Project benefits are widespread and will benefit not only the Region but other areas throughout California. Details regarding how this Proposal addresses the Human Right to Water Policy are provided in the first section below. Detailed information describing how the projects address the Program Preferences is included in the narrative that follows.

Human Right to Water Policy

The Human Right to Water Policy (AB 685 (2012)/CWC § 106.3) states that every human being has the right to clean, affordable, and accessible water for human consumption, cooking, and sanitary purposes. The Region has an overarching goal to improve water supply reliability and improve sustainability and water quality for municipal and environmental uses. In working towards achieving these goals, the Region is continually striving to fulfill the mission of the Human Right to Water Policy.

The projects in this Proposal each and collectively address the Human Right to Water Policy by increasing the availability of clean, safe drinking water supplies by expanding the use of local groundwater and recycled water, and by preserving all potable supplies with conservation programs. The suite of projects will help to ensure that more potable supplies are available for beneficial uses should the current drought extend into 2016 and beyond.

Program Preferences Achieved by this Proposal

The projects included in this Proposal meet seven of the Program Preferences identified in the 2015 Integrated Regional Water Management Guidelines, and each of the projects address multiple Program Preferences. Table 6-1 lists each project and identifies the Program Preferences that are met.

Table 7-1: Program Preferences Addressed by Project

Program Preferences	PROJECTS				PROPOSAL	Certainty	Breadth and Magnitude
	Wellhead Treatment Facilities – Well 102	Water Use Efficiency Turf Removal Project	Expanded Recycled Water & Plant Materials Conversion Project	Riverside County Parks Turf Reduction Program			
Includes Regional Projects or Programs	✓	✓	✓	✓	✓	High	Local, Regional
Integrates Projects Within Hydrological Region	✓	✓	✓	✓	✓	High	Local, Regional
Resolves Significant Water-Related Conflicts	✓	✓	✓	✓	✓	High	Statewide
Contributes to Attainment of CALFED Objectives	✓	✓	✓	✓	✓	High	Local, Regional and Statewide
Addresses Critical Water Supply or Quality Needs of DAC						n/a	n/a

Program Preferences	PROJECTS				PROPOSAL	Certainty	Breadth and Magnitude
	Wellhead Treatment Facilities – Well 102	Water Use Efficiency Turf Removal Project	Expanded Recycled Water & Plant Materials Conversion Project	Riverside County Parks Turf Reduction Program			
Integrates Water Management with Land Use Planning		✓	✓	✓	✓	High	Local, Regional
Is Part of an IRWM Plan that Helps Reduce Delta Reliance	✓	✓	✓	✓	✓	High	Local, Regional and Statewide
Addresses Statewide Priorities	✓	✓	✓	✓	✓	High	Local, Regional and Statewide
Meets Goals of Human Right to Water Policy	✓	✓	✓	✓	✓	High	Local, Regional

Project 1: Wellhead Treatment Facilities – Well 102

Program Preferences Addressed by this Project: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537 by improving water quality and improving operational efficiency and water supply reliability. **Integrates Projects Within a Hydrological Region:** This Project integrates with other projects in the Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water and improve drinking water quality. This Project also integrates water management programs (a Statewide Resource Water Management Strategy [RMS]) identified in the 2009 CWP including: Drinking Water Treatment and Distribution. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of One or More CALFED Objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands. **Is Part of an IRWM Plan that Helps Reduce Delta Reliance:** This Project is included in the USMW IRWM Plan which has objectives and targets to increase local supply development and to improve quality and ability to access and increase groundwater supply, both of which reduce reliance on imported supplies. Reduced reliance on imported water includes reduced reliance on the State Water Project and Sacramento-San Joaquin Delta for the Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local water supply from the groundwater basin will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.* This Project will improve water supply reliability by increasing use of local water supply and reducing reliance on the Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies. Reducing energy use will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem by offsetting demand for imported water from the Delta. **Addresses Human Right to Water Policy**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water with locally-generated, clean, less expensive groundwater.

Certainty of Preferences Being Met: This Project addresses these preferences with a HIGH degree of certainty. Rancho California Water District (RCWD) has already completed planning and design for the Project. The Project is not dependent on any other project and there are no known regulatory or institutional obstacles that would prevent the benefits from being realized.

Breadth and Magnitude of Preferences and Priorities Being Met: By providing local water supply reliability, the Project provides **LOCAL** water supply to the RCWD service area. By providing valuable groundwater quality improvements in the Temecula Basin, which reaches beyond the RCWD boundaries, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

Project 2: Water Use Efficiency Turf Removal Project

Program Preferences Addressed by this Project: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537 by reducing water demand and increasing water supplies for beneficial uses through water use efficiency. **Integrates Water Management with Land Use Planning:** Converting turf to native, drought tolerant vegetation changes the way land use policy is being addressed in terms of approved landscaping, therefore affecting land use planning to encourage reduced water demand. **Integrates Projects Within a Hydrological Region:** This Project integrates with other projects in the Region that also meet the IRWM objectives to reduce regional potable water consumption and reduce controllable pollutant sources to 303(d) listed receiving waters. This Project also integrates water management programs (a RMS) identified in the 2009 CWP including: urban water use efficiency and urban stormwater runoff management. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of One or More CALFED Objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands. **Is Part of an IRWM Plan that Helps Reduce Delta Reliance:** This Project is included in the USMW IRWM Plan which has objectives and targets to reduce regional potable water consumption, which reduces reliance on imported supplies. Reduced reliance on imported water includes reduced reliance on the State Water Project and Sacramento-San Joaquin Delta for the Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local water supply from the groundwater basin will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.* This Project will improve water supply reliability by increasing use of local water supply and reducing reliance on the Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by reducing demand for energy-intensive imported water supplies. Reducing energy use will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem by offsetting demand for imported water from the Delta. **Addresses Human Right to Water Policy**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water through demand reductions.

Certainty of Preferences Being Met: This Project addresses these preferences with a HIGH degree of certainty. Eastern Municipal Water District (EMWD) is the Project lead and the Project is a continuation of a successful, ongoing turf rebate program. The Project is not dependent on any other project and there are no known regulatory or institutional obstacles that would prevent the benefits from being realized.

Breadth and Magnitude of Preferences and Priorities Being Met: By providing local water supply reliability, the Project provides **LOCAL** water supply to the portion of the EMWD service area in the IRWM Region. By reducing local demands supplied partially through a regional system, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

Project 3: Expanded Recycled Water & Plant Materials Conversion Project

Program Preferences Addressed by this Project: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537 by increasing water supply through the use of water recycling and matching water quality to water use by using non-potable recycled water for irrigation purposes and water use efficiency. **Integrates Water Management with Land Use Planning:** Converting turf to native, drought tolerant vegetation changes the way land use policy is being addressed in terms of approved landscaping, therefore affecting land use planning to encourage reduced water demand. **Integrates Projects Within a Hydrological Region:** This Project integrates with other projects in the Region that by meeting the following IRWM objectives: increases local supply development and reduces regional potable water consumption. This Project also integrates water management programs (a RMS) identified in the 2009 CWP including: municipal recycled water, matching water quality to use, and urban water use efficiency. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of One or More CALFED Objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands. **Integrates Water Management with Land Use Planning:** By considering the land uses that will benefit from recycled water use, the Project integrates water management with land use planning. **Is Part of an IRWM Plan that Helps Reduce Delta Reliance:** This Project is included in the USMW IRWM Plan which has objectives and targets to increase local supply development and reduce regional potable water consumption, which each reduce reliance on imported supplies. Reduced reliance on imported water includes reduced reliance on the State Water Project and Sacramento-San Joaquin Delta for the Region. **Statewide Priorities:** This Project addresses

several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local water supply from the groundwater basin will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.* This Project will improve water supply reliability by increasing use of local water supply and reducing reliance on the Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy recycled water supplies. Reducing energy use will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem by offsetting demand for imported water from the Delta. **Addresses Human Right to Water Policy**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water with locally-generated, less expensive recycled water.

Certainty of Preferences Being Met: This Project addresses these preferences with a HIGH degree of certainty. RCWD is the Project lead and the Project is a continuation of a successful, ongoing recycled water and plant material conversion project. The Project is not dependent on any other project and there are no known regulatory or institutional obstacles that would prevent the benefits from being realized.

Breadth and Magnitude of Preferences and Priorities Being Met: By providing local water supply reliability, the Project provides **LOCAL** water supply to the City of Temecula and Rancho California Water District's service area. By reducing local demands supplied partially through a regional system, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

Project 4: Riverside County Parks Turf Reduction Program

Program Preferences Addressed by this Project: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537 by reducing water demand and increasing water supplies for beneficial uses through water use efficiency. **Integrates Water Management with Land Use Planning:** Converting turf to native, drought tolerant vegetation changes the way land use policy is being addressed in terms of approved landscaping, therefore affecting land use planning to encourage reduced water demand. **Integrates Projects Within a Hydrological Region:** This Project integrates with other projects in the Region that also meet the IRWM objectives to reduce regional potable water consumption and reduce controllable pollutant sources to 303(d) listed receiving waters. This Project also integrates water management programs (a RMS) identified in the 2009 CWP including: urban water use efficiency and urban stormwater runoff management. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of One or More CALFED Objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands. **Is Part of an IRWM Plan that Helps Reduce Delta Reliance:** This Project is included in the USMW IRWM Plan which has objectives and targets to reduce regional potable water consumption, which reduces reliance on imported supplies. Reduced reliance on imported water includes reduced reliance on the State Water Project and Sacramento-San Joaquin Delta for the Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local water supply from the groundwater basin will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.* This Project will improve water supply reliability by increasing use of local water supply and reducing reliance on the Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by reducing demand for energy-intensive imported water supplies. Reducing energy use will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem by offsetting demand for imported water from the Delta. **Addresses Human Right to Water Policy**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water through demand reductions.

Certainty of Preferences Being Met: This Project addresses these preferences with a HIGH degree of certainty. Riverside County Parks has already successfully performed turf conversions in other locations. The Project is not dependent on any other project and there are no known regulatory or institutional obstacles that would prevent the benefits from being realized.

Breadth and Magnitude of Preferences and Priorities Being Met: By providing local water supply reliability, the Project provides **LOCAL** water supply to the portion of the Riverside County Parks service area within the IRWM Region. By reducing local demands supplied partially through a regional system, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.